

ARCHIVE NOTE
ARCHIVE DECISION-EPA REGION VII

Site: Mound St PCBs
ID #: MO0000093682
Break: 1.0
Other: 4-12-07

SITE NAME: Mound Street PCBs EPA ID #: MO0000093682 SS ID #: _____

Alias Site Names: _____

City: St. Louis State: Missouri County or Parish: St. Louis Zip Code: 63102

DECISION CHECKLIST:

No further Superfund interest exists at the site based upon the following:

All CERCLIS site work has been completed.

YES ☐ NO ☒ N/A ☐

{site assessment, RI/FS, RD, RA, O&M, all monitoring, closeout report, 5-yr review, NPL deletion, removal(s)}:

All enforcement actions have been completed.

YES ☐ NO ☐ N/A ☒

{PRP has complied with all aspects of enforcement document(s), all orders and/or consent decrees have been closed out}:

All cost recovery actions have been completed.

YES ☐ NO ☐ N/A ☒

{final billing sent & collected, referral completed, DD completed}:

All existing monitoring wells closed in accordance with state regulations.

YES ☐ NO ☐ N/A ☒

Date of final well closure: _____

If any of the above questions have a no response, site does not qualify for archival.

DISCUSSION/RATIONALE FOR ARCHIVAL:

The Mound Street polychlorinated biphenyls (PCB) site is located in an industrial area of St. Louis, Missouri. The 1.5-acre site is located to the south of Mound Street, between First Street and a concrete flood wall for the Mississippi River. From the late 1800s to the mid-1940s, the site was a portion of a former manufactured gas plant (FMGP) owned by Laclede Gas and Light Company. In 1945, Union Electric purchased the property and operated the Mound Street Power Plant (not an FMGP). In 1969, the larger parcel of the FMGP was sold to Apex Oil Company for a petroleum tank storage terminal. This operation continued until the mid-1980s, when the Apex facility became an asphalt terminal. In 1973, the 1.5-acre power plant property was sold and the power generation and transmission equipment was dismantled. The transformer oil was reportedly disposed of, and the metal was sold as scrap. In 1985, the property was leased to an individual for an electrical motor stripping operation. A fire occurred in the building basement in 1989, and the building was demolished in 1991. The site is currently vacant and no structures remain.

(Continued on next page)

Site Reviewed and Approved by: _____ Date: _____

RPM/OSC/SAM, if applicable: _____ Date: _____

Site Assessment Team Leader: _____ Date: _____

Cost Recovery Unit Concurrence: _____ Date: _____

IMC Review of Site Data in CERCLIS: _____ Date: _____

State Concurrence: _____ Date: _____

40267238



Superfund Records

ARCHIVE NOTE (Continued)

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Alias Site Names: _____

City: St. Louis State: Missouri County or Parish: St. Louis Zip Code: 63102

DISCUSSION/RATIONALE FOR ARCHIVAL (Continued):

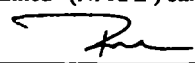
The Mound Street PCB site has had numerous investigations since 1976. The U.S. Coast Guard investigated oil slicks on the Mississippi River that were reportedly originating from the basement of the power plant. However, no samples were collected and no specific source was identified. The St. Louis City Division of Health conducted an investigation in April 1987 and collected 6 oil samples from the basement of the power plant building that were analyzed for PCBs. No PCBs were identified; however, detection limits were not recorded. In September 1987, the U.S. Environmental Protection Agency (EPA) performed a Preliminary Assessment (PA) that included the collection of 6 oil, water, and oil/water samples from the building basement and two nearby manholes along Mound Street. No PCBs were detected at or above 1 part per million (ppm), and the source of the oil in the building was determined to be from spills at the adjacent Apex Oil terminal.

In 1990, the EPA conducted a site reconnaissance of the Laclede Gas and Light FMGP and identified seepage from an abandoned pump house to the east of the flood wall into the Mississippi River. No description of the seepage material was made, and no samples were collected. In 1991, EPA performed a Screening Site Inspection (SSI) that included soil, sediment, surface water, and groundwater sampling at the FMGP site (both the Apex and power plant properties). The investigation concluded that the polynuclear aromatic hydrocarbons (PAH) and cyanides detected were from the FMGP source; however, the benzene, toluene, ethylbenzene, and xylenes (BTEX) compounds were not considered to be commonly associated with FMGP facilities and were thought to be attributable to the Apex facility.

In 1993, the St. Louis Municipal Sewer District (MSD) reported waste oil seepage into their nearby pump station. Laboratory tests determined the oil had a PCB concentration of 47 ppm. Besides the former power plant, an underground storage tank (UST) on the adjacent property was identified as another potential source of the PCB oil. Waste oil samples were collected from three manholes along the flood wall and determined to have PCB concentrations up to 36.6 ppm. A 12,000-gallon UST containing petroleum products was located on the Terminal Railroad Association property to the north of Mound Street, across from the Mound Street PCB site. A sample of the tank contents collected by the MSD indicated a PCB concentration of 39 ppm; however, analysis of the tank contents following removal did not detect PCBs and no PCBs were detected in the tank pit soils.

The Missouri Department of Natural Resources (MDNR) performed a PA of the site in 1993; however, no samples were collected. The PA concluded that a threat to the groundwater pathway was unlikely; a release to the Mississippi River appeared likely; an exposure through the soil pathway was low; and an exposure through the air pathway was also low. In 1996, the EPA performed a second SSI and concluded that contaminants at the site were derived from both its historical operations as an FMGP (coal tar wastes and spent oxides) and a power plant (BTEX and PCBs). An overall score of 50.1 was calculated, based on a groundwater pathway score of 3.33, a surface water pathway score of 100, and a soil exposure pathway of 3.38. The surface water score of 100 is based on an observed release of cyanide and PAHs to the Mississippi River.

Based on the file review it does not appear that "No Further Remedial Action Planned" (NFRAP) status is appropriate; therefore, archiving is not recommended at this time.



Find:

MOUND STREET PCB'S

Site Name	Spill ID	County	EPA ID	Site ID	Archive Ind	FUDS
MOUND CITY (EX) SOLDIER LOT		LINN	KSN000703297	0703297		Y
MOUND CITY FORMER USDA GRAIN BIN		HOLT	MON000703881	0703881		
MOUND STREET PCB'S		ST. LOUIS	MO0000093682	0702826		
MOUNDRIDGE PWS	07XD	MCPHERSON	KSD985015429	0702765		
MOUNT CLAIRE FORMER CCC GRAIN STORAGE		NUCKOLLS	NEN000703945	0703945		
MOVILLE WS		WOODBURY	IAH000704997	0704997		
MT. UNION FORMER USDA GRAIN STORAGE FACILITY		HENRY	IAH000704170	0704170		
MUFICH RESIDENCE		WYANDOTTE	KSN000705187	0705187		
MULVANE COOPERATIVE ELEVATOR		SUMNER	KSN000704411	0704411		
MULVANE GRAIN BINS		SEDGWICK	KSN000705219	0705219		
MULVANE PUBLIC LIBRARY		SUMNER	KSN000703964	0703964		
MUNDEN GRAIN BINS		REPUBLIC	KSN000705225	0705225		
MURRAY GRAIN STORAGE FACILITY		CASS	NEN000704035	0704035		
MUSCOTAH GRAIN BINS		ATCHISON	KSN000705226	0705226		
NAD (EX) SEWAGE TREATMENT PLANT		CLAY	NED986366219	0700032		
NAD (MARC) YARD DUMP		CLAY	NE7170090032	0702032		

There are 2815 sites

EPA Site ID: MO0000093682

Site Section:

Site Name: MOUND STREET PCB'S

City,ST,Zip: ST LOUIS MO 63102

NPL Status: Not on the NPL

Federal Facility: ☐

Site Contact(s):

L-(EFLR) Enfr./Fund Lead RV Branch

KING, RON (913) 551-7588
BERNARD DRAKEY, JAMIE (913) 551-7400Regional Manager Reviewer
Site Assessment Manager (SAM)

Site Information	Removal
Site Assessment	Community Involvement
Site Comments	Remedy Selection
Federal Facilities	Project Management
Enforcement	Program Management

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Site Name: MOUND STREET PCB'S

S	▲	C	◎	OU	Action Name	Sq	Ld	Planned				Actual		Takeover Phased	SCAP Note	EPA Person
								Start	FYQ	Complete	FYQ	Start	Complete			
				00	DISCOVERY	001	S	00/00/0000		00/00/0000		00/00/0000	07/14/1993			
				00	PRELIMINARY ASSESSMENT	001	S	10/01/1993	1994/1	09/30/1994	1994/4	11/11/1993	09/15/1994		L	RPT DTD 03/21/94
				00	Tentative Disposition	001	S	00/00/0000		09/30/1994	1994/4	00/00/0000	09/15/1994			FORM 9100-3
				00	SITE INSPECTION	002	F	04/01/1996	1996/3	09/30/1996	1996/4	04/03/1996	09/20/1996		N	RPT DTD
				00	Trip Report	002		00/00/0000		00/00/0000		00/00/0000	04/09/1996			APR 2-3 SAMPLING
				00	Final Disposition	001	F	00/00/0000		09/30/1996	1996/4	00/00/0000	09/20/1996			FORM 9100-3